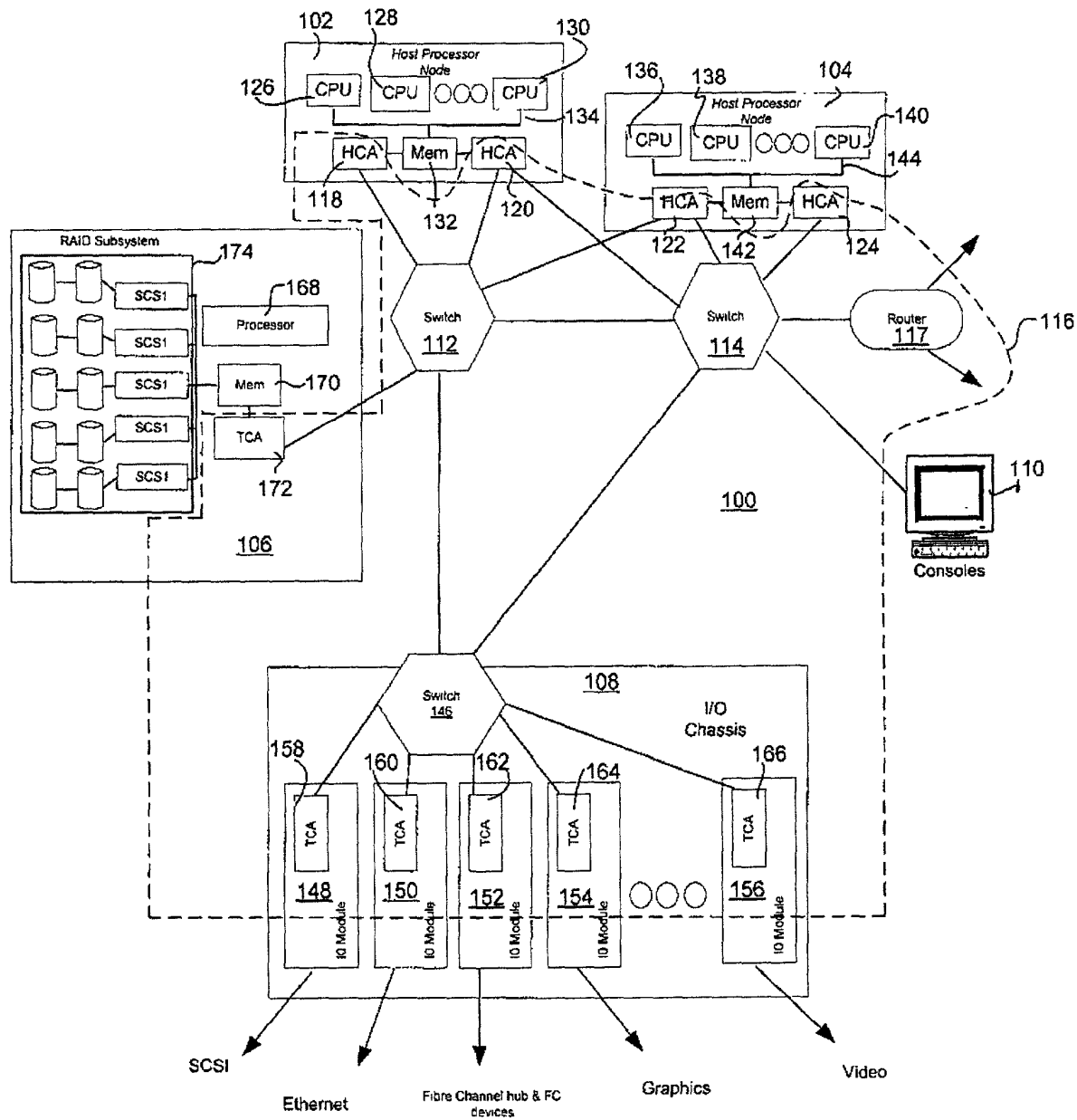


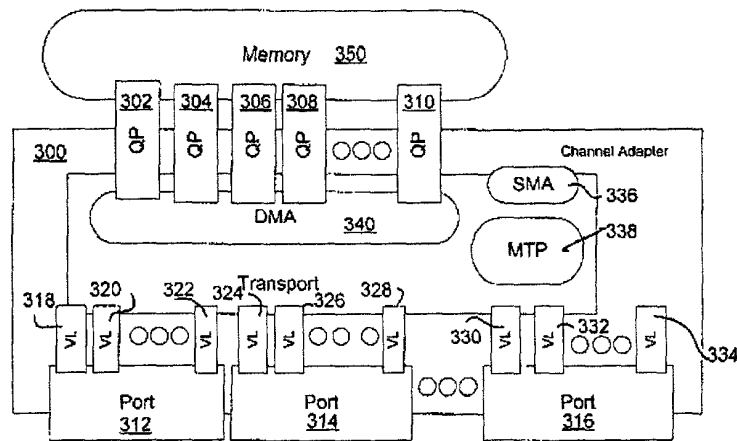
# Figure 1

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The diagram illustrates the architecture of a Host Processor Node. At the top, a horizontal bar represents the **Host Processor Node**. Inside this bar, four **Consumer** components are shown: **Consumer 202**, **Consumer 204**, **Consumer 206**, and **Consumer 208**. These consumers are connected to a central **Message & Data Service 224** block. Below the Host Processor Node, a dashed line labeled **Verbs** separates it from the **Channel Adapter (endnode)** components. On the left, the **Channel Adapter (endnode) 210** contains **Port 214** and **Port 216**. On the right, the **Channel Adapter (endnode) 212** contains **Port 218** and **Port 220**. The entire system is labeled **200** at the bottom.

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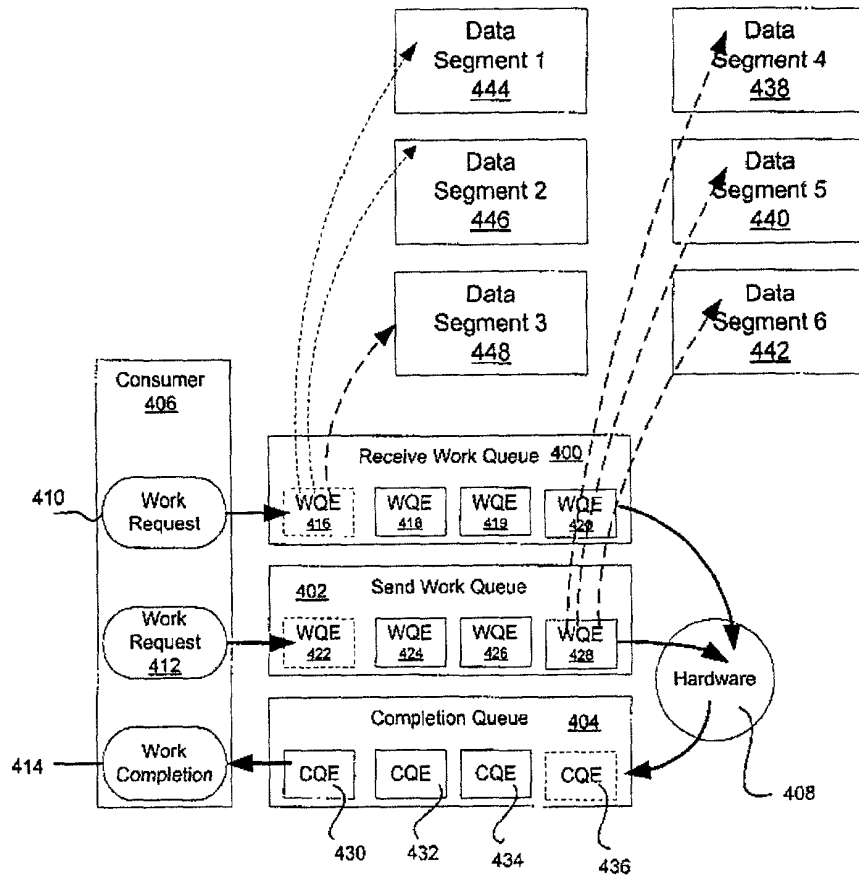


# Figure 3

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# Figure 4

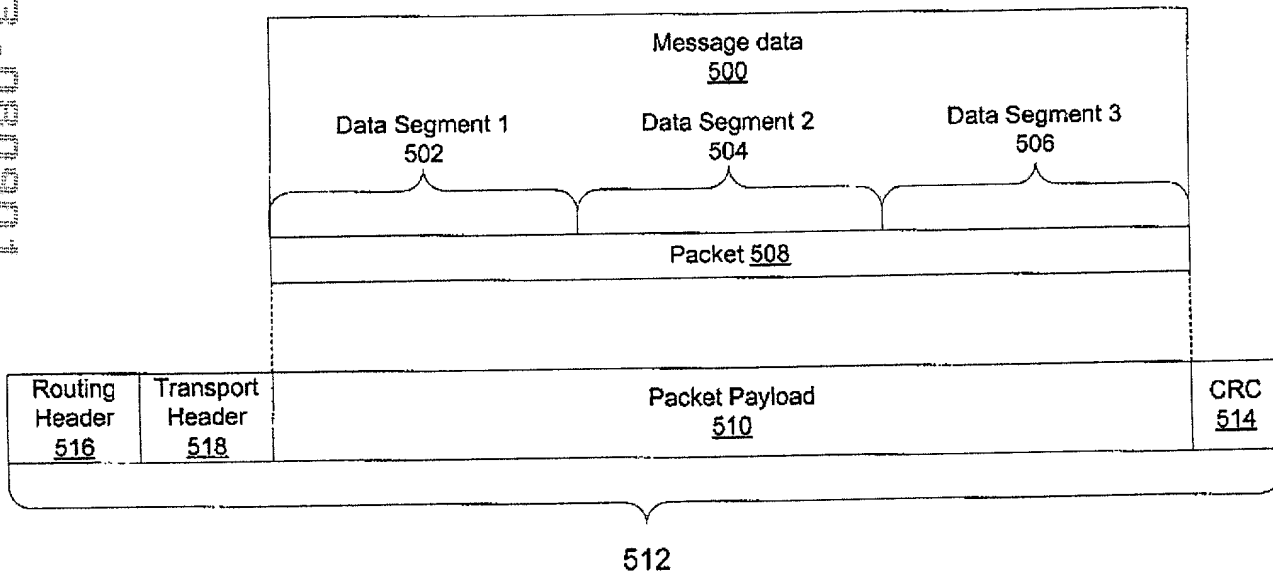
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# Figure 5

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FIG. 5



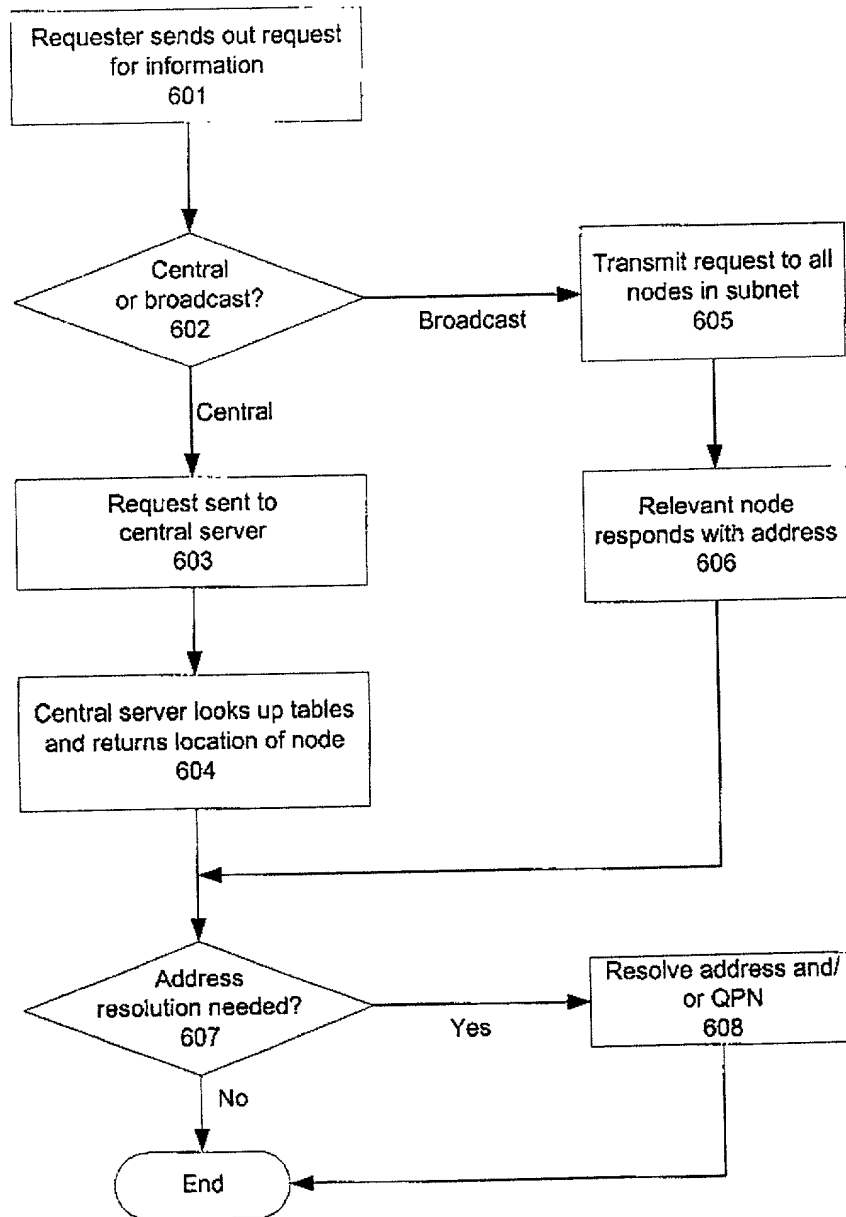
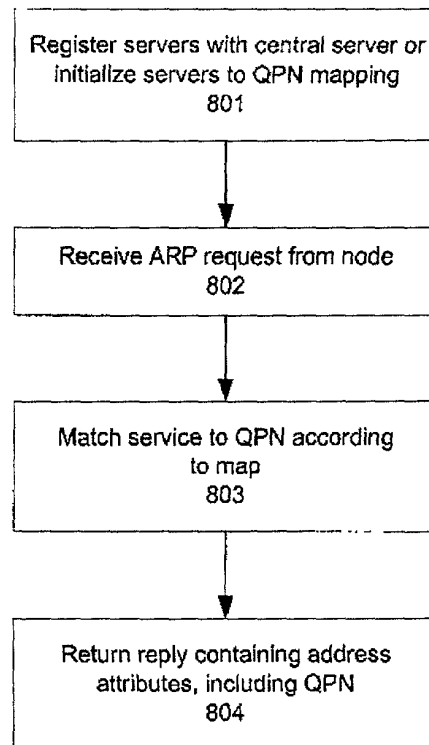


Figure 6

Transport	Service Level	Path MTU	P_Key	QPN	EE context Q_Key	Others
Raw Ethertype	Yes	Yes	No	No	No	No
Raw IPv6	Yes	Yes	No	No	No	No
Unreliable Datagram	Yes	Yes	Yes	Yes N-multicast	Q_Key	No
Reliable Datagram	Yes	Yes	Yes	Yes	EEC	Y
Unreliable Connected	Yes	Yes	Yes	Yes	No	Y
Reliable Connected	Yes	Yes	Yes	Yes	No	Y

### Figure 7

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**Figure 8**



```

graph TD
    901[Standardize tie between QPN and well-known port 901] --> 902[Receive TCP open message from client 902]
    902 --> 903[Return address containing service attributes 903]
    903 --> 904[Migrate subsequent traffic from client to different QPN 904]

```

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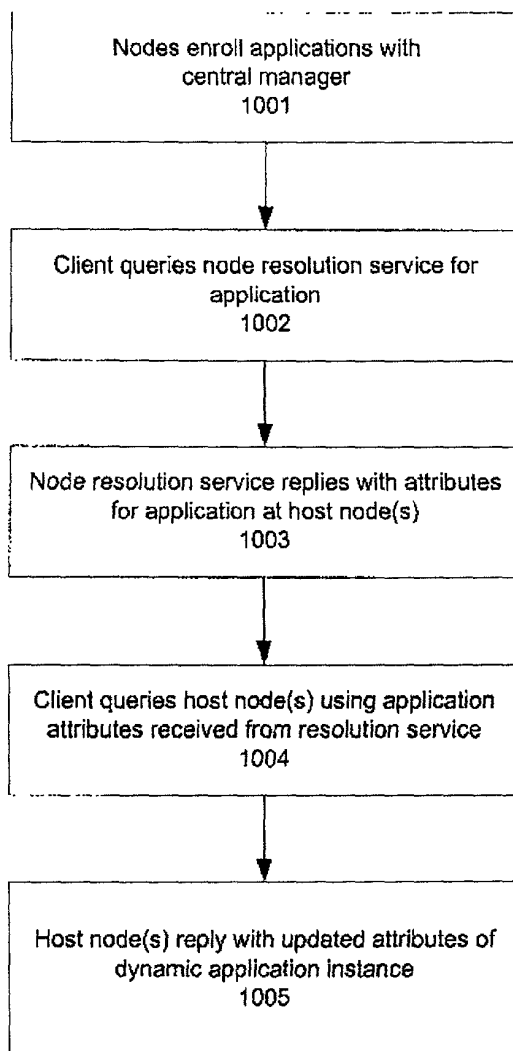


Figure 10